

EIC SEARCH RESULTS

Serial No. 10/527,920 – Method and assembly for increasing hair volume

Searcher: Ethel Leslie

Date: May 15, 2008

Inventor Search

Search Strategy

Set	Items	Description
S1	464	S AU=(GOLD D? OR GOLD, D?)
S2	1752	S (DAVID OR DAVE OR DAVIE OR DAVY OR DA OR ANTHONY OR TONY) (2W)GOLD? ?
S3	39101	S (HAIR? OR LOCKS OR TRESS??? OR WEFT???) (5N) (ATTACH? OR EXTENSION? OR ARTIFICIAL? OR FAKE? ? OR IMITATION? OR SYNTHETIC? OR HUMAN) OR WIG OR WIGS OR TOUPE? OR HAIRPIECE? OR POSTICHE?
S4	10	S S1 AND S3
S5	10	S S2 AND S3
S6	9	RD (unique items)

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Search Results

4/25/1 (Item 1 from file: 350) [Links](#)
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0016257988 & Drawing available
WPI Acc no: 2006-789611/200680

XRAM Acc no: C2006-245086

XRPX Acc No: N2006-611264

Manufacturing hair extension assemblies involves placing parallelly arranged hair extensions into an injection molding chamber apt to shape a connection element and injecting a thermoplastic material into the mold chamber

Patent Assignee: INDORATA SERVICOS E GESTO LTDA (INDO-N); INDORATA SERVICOS E GESTAO LTDA (INDO-N)

Inventor: GOLD D A; GOLD D A L

Patent Family (2 patents, 112 & countries)

Patent Number	Kind	Date	Update	Type
WO 2006106412	A1	20061012	200680	B
EP 1865798	A1	20071219	200802	E

WO 2006106412

Local Applications (no., kind, date): WO 2006IB789 A 20060404; EP 2006755834

A 20060404; WO 2006IB789 A 20060404

Priority Applications (no., kind, date): IT 2005RM158 A 20050405

Alerting Abstract WO A1

NOVELTY - Manufacturing hair extension assembly involves arranging several (1) hair extensions (2), parallel to each other on a plane with a section (6) at respective proximal ends (5); placing the sections (6) in an injection molding mold (7) having a chamber (8) at each section (6), apt to shape a respective connecting element (4); and a continuous duct (9) linking the chamber; and injecting a thermoplastic material into each chamber (8) in a direction parallel to the sections (6).

DESCRIPTION - An INDEPENDENT CLAIM is included for a hair extension assembly. USE - In the manufacture of hair extension assemblies (claimed), particularly Afro hairstyle having very dense cuts and large volume.

ADVANTAGE - The method prevents intertwining of the extensions of the assembly. The connection elements are already joined together and spaced with the respective extensions from the instant of the connection element formation, ready to be separated and applied or to be applied in a single operation. The continuous duct at adjacent positions and on both the sides of the chambers has narrowings determining a reduced section of the continuous duct. Once the moulding is over, with the solidification of the thermoplastic material, the single extensions are joined in a sole assembly of several of extensions. Each connection element is joined by a transversal rod, which, due to the narrowings, is provided with breaking points allowing an easy-separation of each extension from the others.

DESCRIPTION OF DRAWINGS - The figure shows partially sectioned perspective view of the hair extension and the mold.

1 several hair extensions

2 single hair extension

4 connection element

5 proximal end of a hair extension

6 proximal section of extension on which connection element is formed

7 mold

8 chamber

9 continuous duct.

4/25/2 (Item 2 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0015109377 & Drawing available

WPI Acc no: 2005-458858/200546

XRPX Acc No: N2005-373138

Hair thickening method involves removing separator device arranged at a portion of hair, and activating connections operating on connection elements of hair extensions

Patent Assignee: INDORATA SERVICOS E GESTAO LTDA (INDO-N); INDORATA SERVICOS & GESTAO LTDA (INDO-N); INDORATA SERVICOS E GESTAO LTDA (INDO-N); GOLD D A (GOLD-I)

Inventor: GOLD D A; GOLD D A G L I; GOLD D A G L

Patent Family (15 patents, 107 & countries)

Patent Number	Kind	Date	Update	Type
WO 2005060776	A2	20050707	200546	B
EP 1699311	A2	20060913	200660	E
NO 200603318	A	20060919	200670	E
EP 1738663	A2	20070103	200703	E
AU 2004304724	A1	20050707	200707	E
BR 200417789	A	20070320	200723	E
JP 2007516361	W	20070621	200742	E
CN 1913795	A	20070214	200746	E
IN 200601990	P2	20070518	200748	E
KR 2007019679	A	20070215	200755	E
EP 1699311	B1	20070905	200760	E
DE 602004008806	E	20071018	200770	E
US 20070272263	A1	20071129	200780	E
ES 2293378	T3	20080316	200822	E
IT 1344463	B	20080304	200830	E

WO 2005060776

Local Applications (no., kind, date): WO 2004IB52866 A 20041220; EP 2004806597 A 20041220; WO 2004IB52866 A 20041220; EP 2006117417 A 20060718; WO 2004IB52866 A 20041220; NO 20063318 A 20060718; EP 2004806597 A 20041220; EP 2006117417 A 20041220; AU 2004304724 A 20041220; BR 200417789 A 20041220; WO 2004IB52866 A 20041220; WO 2004IB52866 A 20041220; JP 2006544674 A 20041220; CN 200480041424 A 20041220; WO 2004IB52866 A 20041220; IN 2006KN1990 A 20060714; WO 2004IB52866 A 20041220; KR 2006714431 A 20060718; EP 2004806597 A 20041220; WO 2004IB52866 A 20041220; EP 2006117417 A 20060718; DE 602004008806 A 20041220; EP 2004806597 A 20041220; WO 2004IB52866 A 20041220; WO 2004IB52866 A 20041220; US 2007583584 A 20070529; EP 2004806597 A 20041220; IT 2003RM585 A 20031219

Priority Applications (no., kind, date): IT 2003RM585 A 20031219

Alerting Abstract WO A2

NOVELTY - The first adhesive tape is arranged at the proximal ends (7) of the hair extensions (C). A separator device (51) is arranged at a portion of the hair (T). The hair is tensioned and second tape is adhered on the first tape. The connecting elements are arranged between the adhesive tapes. The separator device is removed from the hair and the connections operating on the connection elements of the hair extensions is activated.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

separator device for receiving hair;
assembly for thickening hair; and
hair extension applicator.

USE - For thickening hair.

ADVANTAGE - The hair is thickened easily and economically in a short time effectively.

DESCRIPTION OF DRAWINGS - The figure shows a perspective view of the separator device for receiving air.

9 connecting elements
51 separator device
52 separation tooth elements
53 bearing surface
61 gripper

4/25/3 (Item 3 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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*** CURRENT APPLICATION ***

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0014120369 & Drawing available

WPI Acc no: 2004-304846/200428

XRAM Acc no: C2004-115863

XRPX Acc No: N2004-242787

Increasing hair volume involves providing hair extensions having proximal ends with connecting element, providing adhesive tapes, adhering adhesive face to hair, and activating connection mechanism operating on connecting element

Patent Assignee: GOLD D A (GOLD-I); INDORATA SERVICOS E GESTAO LTDA (INDO-N);

INDORATA SERVICOS E GESTAO LTDA (INDO-N); INDORATA SERVICOS E GESTAO LTDA

(INDO-N); INDORATA SERVICOS E GESTADO LTDA (INDO-N)

Inventor: GOLD D A

Patent Family (16 patents, 104 & countries)

Patent Number	Kind	Date	Update	Type
WO 2004023910	A1	20040325	200428	B
AU 2003263490	A1	20040430	200462	E
EP 1545251	A1	20050629	200543	E
US 20050268932	A1	20051208	200581	E
JP 2005539159	W	20051222	200604	E
CN 1681408	A	20051012	200612	E
ZA 200503005	A	20051228	200612	E
IT 1333438	B	20060412	200629	E
IT 1333439	B	20060412	200629	E
IT 1333442	B	20060412	200629	E
IT 1333445	B	20060412	200629	E
EP 1545251	B1	20080116	200807	E
IT 1343333	B	20071219	200813	E
IT 1343396	B	20071219	200813	E
IT 1343442	B	20071219	200813	E
DE 60318728	E	20080306	200821	E

WO 2004023910

Local Applications (no., kind, date): WO 2003IB4181 A 20030915; AU 2003263490 A 20030915; EP 2003795179 A 20030915; WO 2003IB4181 A 20030915; WO 2003IB4181 A 20030915; US 2005527920 A 20050316; WO 2003IB4181 A 20030915; JP 2004571927 A 20030915 ; CN 2003821892 A 20030915; ZA 20053005 A 20050414; IT 2002RM459 A 20020916; IT 2002RM460 A 20020916; IT 2002RM479 A 20020926; IT 2002RM502 A 20021004; EP 2003795179 A 20030915; WO 2003IB4181 A 20030915; IT 2003RM57 A 20030211; IT 2003RM152 A 20030403; IT 2003RM238 A 20030514; DE 60318728 A 20030915; EP 2003795179 A 20030915; WO 2003IB4181 A 20030915
 Priority Applications (no., kind, date): IT 2002RM460 A 20020916; IT 2002RM459 A 20020916; IT 2002RM479 A 20020916; IT 2002RM479 A 20020926; IT 2002RM502 A 20021004; IT 2003RM57 A 20021004; IT 2003RM57 A 20030211; IT 2003RM152 A 20030403; IT 2003RM238 A 20030514

Alerting Abstract WO A1

NOVELTY - Hair volume is increased by providing hair extensions (C) having proximal ends (7) with a connecting element (9); providing a first adhesive tape (4) and adhering it to the hair to be thickened; providing a second adhesive tape (3) having an adhesive face (43); adhering the adhesive face to the hair; and activating connection mechanism operating on the connecting element of the hair extensions.

DESCRIPTION - An INDEPENDENT CLAIM is also included for an assembly for increasing hair volume, comprising hair extensions and adhesive tapes.

USE - For increasing hair volume, e.g. for thickening and/or lengthening hair.

ADVANTAGE - The method does not require manual operation and allows the application of hair extensions in sets, carrying out a perfect integration between the connecting elements supporting the hair extensions and the user's receiving hair.

DESCRIPTION OF DRAWINGS - The figure shows a perspective view of an assembling phase of an assembly for increasing hair volume.

3 Second adhesive tape

4 First adhesive tape

7 Proximal ends

9 Connecting element

43 Adhesive face

C Hair extensions

4/25/4 (Item 4 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0013578725

WPI Acc no: 2003-673360/200364

Process for applying hair extensions

Patent Assignee: INDORATA SERVICOS & GESTAO LTDA (INDO-N)

Inventor: GOLD D A

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Update	Type
IT 1317876	B	20030715	200364	B

IT 1317876

Local Applications (no., kind, date): IT 2000RM408 A 20000724

Priority Applications (no., kind, date): IT 2000RM408 A 20000724

4/25/5 (Item 5 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0013506005 & Drawing available

WPI Acc no: 2003-598697/200356

XRFX Acc No: N2003-476996

Hair extension applicator for lengthening and/or thickening head hairs has pressing member controlled by actuator in bidirectional translation motion to apply predetermined pressure

Patent Assignee: INDORATA SERVICOS E GESTAO LTDA (INDO-N); INDORATA SERVICOS & GESTAO LTDA (INDO-N); INDORATA SERVICOS E GESTAO LTDA (INDO-N)

Inventor: GOLD D A; GOLD D A G L I

Patent Family (15 patents, 101 & countries)

Patent Number	Kind	Date	Update	Type
WO 2003061416	A1	20030731	200356	B
AU 2003201321	A1	20030902	200422	E
EP 1478250	A1	20041124	200477	E
JP 2005515313	W	20050526	200535	E
US 20050155620	A1	20050721	200548	E
EP 1478250	B1	20050803	200551	E
CN 1622768	A	20050601	200560	E
ZA 200405801	A	20050727	200560	E
DE 60301205	E	20050908	200561	E
ES 2246479	T3	20060216	200615	E
IT 1332936	B	20060317	200626	E
IT 1333440	B	20060412	200629	E
DE 60301205	T2	20060601	200637	E
AU 2003201321	B2	20070607	200765	E
US 7296581	B2	20071120	200778	E

WO 2003061416

Local Applications (no., kind, date): WO 2003IB165 A 20030123; AU 2003201321 A 20030123; EP 2003731791 A 20030123 ; WO 2003IB165 A 20030123; JP 2003561370 A 20030123; WO 2003IB165 A 20030123; WO 2003IB165 A 20030123; US 2004502508 A 20040723; EP 2003731791 A 20030123; WO 2003IB165 A 20030123; CN 2003802705 A 20030123; ZA 20045801 A 20040721; DE 60301205 A 20030123; EP 2003731791 A 20030123; WO 2003IB165 A 20030123; EP 2003731791 A 20030123; IT 2002RM33 A 20020123 ; IT 2002RM461 A 20020916; DE 60301205 A 20030123; EP 2003731791 A 20030123; WO 2003IB165 A 20030123; AU 2003201321 A 20030123; WO 2003IB165 A 20030123; US 2004502508 A 20040723

Priority Applications (no., kind, date): IT 2002RM33 A 20020123; IT 2002RM461 A 20020916

Alerting Abstract WO A1

NOVELTY - The hair extension applicator (1) has a handle (2), a fixed jaw member (7) with a resting plane (10), and a pressing member (9). The pressing

member receives a portion of head hair and one or more fixing elements of respective additional hair extensions. The pressing member is controlled by an actuator in a bidirectional translation motion to apply a predetermined pressure with respect to the fixed jaw member operating as a contrast to the action of the pressing member.

USE - For lengthening and/or thickening head hairs.

ADVANTAGE - Application times are considerably shortened.

DESCRIPTION OF DRAWINGS - The drawing shows a perspective and partial sectional view of the applicator.

- 1 Applicator
- 2 Handle
- 7 Fixed jaw member
- 9 Pressing member
- 10 Resting plane

4/25/6 (Item 6 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0012916322 & Drawing available

WPI Acc no: 2002-559539/200260

XRAM Acc no: C2002-158924

XXPX Acc No: N2002-442931

Device for lengthening and thickening of head hair comprises a carrier band, several parallel hair sections which consist of several parallel hairs joined to one another by fixing elements

Patent Assignee: GOLD D A (GOLD-I); INDORATA SERVICOS & GESTAO LTDA (INDO-N); INDORATA SERVICOS E GESTAO LTDA (INDO-N); INDORATA-SERVICOS GESTADO LTDA E (INDO-N)

Inventor: GOLD A; GOLD D A; GOLD D A G L I

Patent Family (30 patents, 99 & countries)

Patent Number	Kind	Date	Update	Type
DE 20203301	U1	20020627	200260	B
WO 2002098250	A1	20021212	200282	E
US 20020185146	A1	20021212	200301	E
CA 2376554	A1	20021207	200305	E
NO 200305379	A	20031203	200412	E
EP 1411789	A1	20040428	200429	E
SK 200301568	A3	20040504	200433	E
CZ 200303360	A3	20040414	200435	E
KR 2004025924	A	20040326	200446	E
JP 2004522007	W	20040722	200448	E
AU 2002233355	A1	20021216	200452	E
BR 200209704	A	20040727	200452	E
ZA 200309191	A	20040929	200468	E
CN 1527675	A	20040908	200478	E
NZ 529712	A	20050128	200513	E
US 6935348	B2	20050830	200557	E
MX 2003011271	A1	20041201	200561	E
EP 1411789	B1	20060111	200605	E
IT 1331005	B	20051206	200606	E

IN 200301543	P2	20060317	200626	E
DE 60208656	E	20060406	200628	E
ES 2256440	T3	20060716	200648	E
CN 1248609	C	20060405	200661	E
CA 2376554	C	20061003	200667	E
DE 60208656	T2	20061116	200679	E
MX 238585	B	20060711	200707	E
AU 2002233355	B2	20070531	200763	E
NO 325010	B1	20080114	200807	E
HU 200400128	A1	20080128	200811	E
IL 158848	A	20080413	200830	E

DE 20203301

Local Applications (no., kind, date): DE 20203301 U 20020221; WO 2002EP1847 A 20020221; WO 2002EP1847 A 20020221; US 200291867 A 20020306; CA 2376554 A 20020312; WO 2002EP1847 A 20020221; NO 20035379 A 20031203; EP 2002700265 A 20020221; WO 2002EP1847 A 20020221; WO 2002EP1847 A 20020221; SK 20031568 A 20020221; WO 2002EP1847 A 20020221; CZ 20033360 A 20020221; KR 2003715798 A 20031202; WO 2002EP1847 A 20020221; JP 2003501299 A 20020221; AU 2002233355 A 20020221 ; BR 20029704 A 20020221; WO 2002EP1847 A 20020221; ZA 20039191 A 20031126; CN 2002811436 A 20020221; NZ 529712 A 20020221; WO 2002EP1847 A 20020221; US 200291867 A 20020306; WO 2002EP1847 A 20020221; MX 200311271 A 20031205; EP 2002700265 A 20020221; WO 2002EP1847 A 20020221; IT 2001RM317 A 20010607; WO 2002EP1847 A 20020221; IN 2003KN1543 A 20031127; DE 60208656 A 20020221; EP 2002700265 A 20020221; WO 2002EP1847 A 20020221; EP 2002700265 A 20020221; CN 2002811436 A 20020221; CA 2376554 A 20020312; DE 60208656 A 20020221; EP 2002700265 A 20020221; WO 2002EP1847 A 20020221; WO 2002EP1847 A 20020221; MX 200311271 A 20031205; AU 2002233355 A 20020221; WO 2002EP1847 A 20020221; NO 20035379 A 20031203; WO 2002EP1847 A 20020221; HU 2004128 A 20020221; IL 158848 A 20020221

Priority Applications (no., kind, date): IT 2001RM317 A 20010607

Alerting Abstract DE U1

NOVELTY - The device (12) for lengthening and thickening of head hair comprises a carrier band with an adhesive surface (4), several parallel hair sections which consist of several parallel hairs (3) joined to one another by fixing elements (13) attached to the carrier band, and means for attaching such hair sections to growing head hair.

USE - For lengthening and thickening of head hair.

ADVANTAGE - The lengthening and thickening process with use of the proposed device is less time and labor intensive (and hence less costly) than known comparable processes.

DESCRIPTION OF DRAWINGS - The drawing shows the proposed device.

3 Individual hairs of hair sections

4 Adhesive surface

13 Fixing elements

14 Protective cover

4/25/7 (Item 7 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0009477881

WPI Acc no: 1999-419235/199935

XRAM Acc no: C1999-123310

Production of hair decorated in lock particularly for cosmetic applications having complex and clear-cut colored designs

Patent Assignee: CHUN FAI HONG KONG LTD (CHUN-N)

Inventor: GOLD D A

Patent Family (3 patents, 82 & countries)

Patent Number	Kind	Date	Update	Type
WO 1999034767	A2	19990715	199935	B
AU 199925142	A	19990726	199952	E
IT 1297142	B	19990803	200169	E

WO 1999034767

Local Applications (no., kind, date): WO 1998EP8494 A 19981229; AU 199925142 A 19981229; IT 1997RM819 A 19971231

Priority Applications (no., kind, date): IT 1997RM819 A 19971231

Alerting Abstract WO A2

NOVELTY - Forming complex and multicolored patterns on hair, such that decorations have a high definition and even distribution onto the hair circumference, where patterns are stable and visible without undulation once applied

DESCRIPTION - Hair decorated in lock particularly for cosmetic applications is obtained by:

(a) reproducing a decorating pattern onto 1 or more support by a printing process using a sublimation transfer, forming an inked surface on the support(s),

(b) placing a lock of hair in extension mainly in contact with the inked surface, and

(c) heating the support to sublimate the ink and transfer the pattern onto the lock of hair.

USE - The locks treated can be formed into a wig, or be fastened onto preexisting hair or directly onto the scalp

ADVANTAGE - The pattern obtained has a high definition and uniform coloration upon the hair circumference, making the decoration onto the lock clearly visible

4/25/8 (Item 8 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0008358444 & Drawing available

WPI Acc no: 1997-472389/199744

XRFX Acc No: N1997-393847

Hair tuft for extending or thickening hair - has hair ends held by insert of thermoplastics adhesive shaped like leaf and becoming flexible when heated to wrap around human hair

Patent Assignee: GOLD D A (GOLD-I); MATTEO A (MATT-I); VIZZARRI A (VIZZ-I)

Inventor: GOLD D A

Patent Family (4 patents, 3 & countries)

Patent Number	Kind	Date	Update	Type
DE 19626107	A1	19970925	199744	B
IT 1283953	B	19980507	200002	E
DE 19626107	C2	20000413	200023	E
AT 199601581	A	20001115	200061	E

DE 19626107

Local Applications (no., kind, date): DE 19626107 A 19960628; IT 1996RM173 A 19960318; DE 19626107 A 19960628; AT 19961581 A 19960906

Priority Applications (no., kind, date): IT 1996RM173 A 19960318

Alerting Abstract DE A1

The hair tuft comprises several hair strands, their ends held by an insert of thermoplastics adhesive in the form of a small leaf (2). When heated, the adhesive leaf is flexible so that it can be wrapped around the relevant group of human hair to which it is to be attached.

The leaf can be pre-shaped so that it forms a socket for the group of hair strands. The leaf can be formed like a partly open book with two flaps which are to fold up together. The leaf has different melting points on both sides.

ADVANTAGE - Easier and faster handling and securing.

4/25/9 (Item 9 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0007306893

WPI Acc no: 1995-368578/199548

XRAM Acc no: C1995-160278

XRPX Acc No: N1995-272831

Hair for use in lengthening or thickening human hair - comprises layer of hair filaments arranged parallel to at least one end of layer and bonded together by ribbons of thermoplastic resin.

Patent Assignee: GOLD D A (GOLD-I)

Inventor: GOLD D A

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Update	Type
GB 2288976	A	19951108	199548	B

GB 2288976

Local Applications (no., kind, date): GB 19948480 A 19940427

Priority Applications (no., kind, date): GB 19948480 A 19940427

Alerting Abstract GB A

A treated natural or synthetic hair for lengthening or thickening human hair comprises a layer of hair filaments arranged parallel to the layer end. The filaments are bonded together on at least one side by a ribbon or ribbons of thermoplastic resin to form a plastic strip with a row of filaments attached to it.

ADVANTAGE - Unskilled operators can apply the extensions.

4/25/10 (Item 10 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0006337470

WPI Acc no: 1993-134053/199316

XRAM Acc no: C1993-059791

XPX Acc No: N1993-102238

Lengthening and thickening human hair - by attaching prepared tufts with meltable end plugs of thermoplastic pref. polyamide

Patent Assignee: GOLD D A (GOLD-I)

Inventor: GOLD D A

Patent Family (6 patents, 37 & countries)

Patent Number	Kind	Date	Update	Type
WO 1993006755	A1	19930415	199316	B
GB 2260490	A	19930421	199316	E
AU 199226532	A	19930503	199334	E
GB 2260490	B	19931013	199341	E
ZA 199305214	A	19940126	199410	NCE
EP 606321	A1	19940720	199428	E

WO 1993006755

Local Applications (no., kind, date): WO 1992GB1796 A 19920930; GB 199120953 A 19911002; AU 199226532 A 19920930; GB 199120953 A 19911002; ZA 19935214 A 19930719; EP 1992920560 A 19920930 ; WO 1992GB1796 A 19920930

Priority Applications (no., kind, date): GB 199120953 A 19911002; ZA 19935214 A 19930719

Alerting Abstract WO A1

Hair is lengthened and thickened by applying molten thermoplastic to the end of a tuft of hair to wet all the hair ends, allowing the plastic to harden to secure the hairs together, and subsequently melting the plastic and contacting with hair on the scalp, allowing or causing the plastic to set so that the tuft is secured to the natural hair.

The plastic is pref. transparent and colourless polyamide or polyamide blend. Pref. a discrete uniformly sized amt. of plastic is applied to each of a number of tufts. The polyamide is pref. selected from nylon 6, nylon 6/6, nylon 6/10 and nylon 12. The tuft may be of human or artificial hair, with 15-20 hairs in a tuft.

ADVANTAGE - Is simple and reliable with reduced hazard

6/3,K/2 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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11276543 Supplier Number: 114470458 (USE FORMAT 7 FOR FULLTEXT)

Roman empire.(hair extension company, Great Lengths)

Hairdresser's Journal International , p 20

March 19 , 2004
Language: English Record Type: Fulltext
Document Type: Magazine/Journal
Word Count: 750
Supplier Number: (USE FORMAT 7 FOR FULLTEXT)

Roman empire.(hair extension company, Great Lengths)

Text:

With the hair extensions industry in the spotlight, Emma Gillespie headed to the Great Lengths factory in Rome to find out what really goes on behind the scenes

Hair extensions - love them or loathe them, the fact is they're here to stay and the industry is booming. More and more salons are realising the potential in offering this service, and celebrities everywhere are using extensions to constantly change their image.

Great Lengths is one of, if not the biggest, hair extensions companies in the world. Founded in 1991 by David Gold, who now runs the company with his son, Thomas, the product is now distributed to 48 countries throughout the world.

Its factory is situated just...

...work to produce the highest-quality extensions possible.

You could say that what makes Great Lengths so superior is that it sources all its own human hair. It has another factory in India, which ensures that its hair is high quality, and, best of all, they know exactly where every strand originates...

Foreign & International Patent Search

Search Strategy

Set	Items	Description
S1	1190864	S TAPE? ? OR TAPING? OR SELLOTAP? OR CELLOTAP? OR SCOTCHTAP? OR DUCTTAP? OR MASKINGTAP? OR ADHESIV? OR (STICK??? OR TACK??? OR BONDING OR ADHER? OR ADHESION? OR GLUE? ? OR GLUING) (3N) (FABRIC? ? OR MATERIAL? ? OR TEXTILE? ? OR STRIP OR STRIPS OR STRIPPED)
S2	1345	S PROTAC? OR PROTEX? OR PRO() (TAC? ? OR TEX? ? OR TAPE? ?) OR AIRFLEX? OR DURAFLEX? OR (AIR OR DURA)() FLEX? OR SUPERTAPE? OR PROTAPE?
S3	180001	S HAIR? OR LOCKS OR TRESS?? OR WEFT??? OR HORSEHAIR? OR KERATIN?(2N) (FIBER? ? OR FIBRE? ?)
S4	9495	S S1:S2 AND S3
S5	439	S S3 (3N) (ATTACH? OR EXTENSION? OR STRAND???)
S6	531	S S3 (3N) (ARTIFICIAL? OR FAKE? ? OR FAKING OR FALSE? OR PSEUDO OR IMITATION? OR SYNTHETIC? OR PHONY? OR PHONIES OR SIMULAT? OR FAUX OR PROSTHE? OR SUBSTITUT? OR REPLACEMENT? OR HUMAN)
S7	262	S WIG OR WIGS OR WIGLET? OR TOUPE? OR RUG OR RUGS OR HAIRPIECE? OR POSTICHE?
S8	337	S S1:S2 (5N) (FOLD??? OR FOLDAB? OR BILLFOLD? OR OVERFOLD? OR OVERLAP? OR CREAMS??? OR PLEAT? OR PLAIT? OR FLEX??? OR BEND??? OR BENT OR (DOUBL? OR TURN???) () (UP OR OVER) OR ENVELOP OR ENCLOS? OR ENCAS??? OR WRAP OR WRAPP???)
S9	40	S S5:S6 AND S8
S10	9	S S7 AND S8
S11	5	S S10 NOT S9
S12	337	S S3 AND S8
S13	1	S (S12 NOT (S9 OR S11)) AND IC=A41G?
S14	115	S S1:S2 (3N) (RIB OR RIBS OR RIBBED OR RIBBING OR GROOV??? OR RIDGE? ? OR RIDGING OR BUMP OR BUMPS OR PROTUBERANC? OR PROJECTION? ? OR PROTRUD??? OR KNURL?)
S15	23	S S14/TI
S16	2	S S14 AND IC=A41G?
S17	2	S S16 NOT S15

[File 350] Derwent WPIX 1963-2008/UD=200830

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[File 347] JAPIO Dec 1976-2007/Dec(Updated 080328)

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Search Results

9/12,K/3 (Item 3 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0015109377

WPI Acc no: 2005-458858/200546

XRPX Acc No: N2005-373138

Hair thickening method involves removing separator device arranged at a portion of hair, and activating connections operating on connection elements of hair extensions

Patent Assignee: INDORATA SERVICOS E GESTAO LTDA (INDO-N); INDORATA SERVICOS

& GESTAO LTDA (INDO-N); INDORATA SERVICOS E GESTAO LTDA (INDO-N); GOLD D A (GOLD-I)

Inventor: GOLD D A; GOLD D A G L I; GOLD D A G L

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2005060776	A2	20050707	WO 2004IB52866	A	20041220	200546	B

Priority Applications (no., kind, date): IT 2003RM585 A 20031219

National Designated States: AE AG AL AM AT AU AZ BA BB BG

BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI

NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ SY TJ TM

TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States: AT BE BG BW CH CY CZ DE DK EA

EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW

MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW AL BA HR LI LV MK YU

Alerting Abstract WO A2

NOVELTY - The first adhesive tape is arranged at the proximal ends (7) of the hair extensions (C). A separator device (51) is arranged at a portion of the hair (T). The hair is tensioned and second tape is adhered on the first tape. The connecting elements are arranged between the adhesive tapes. The separator device is removed from the hair and the connections operating on the connection elements of the hair extensions is activated.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

separator device for receiving hair;

assembly for thickening hair; and

hair extension applicator.

USE - For thickening hair.

ADVANTAGE - The hair is thickened easily and economically in a short time effectively.

DESCRIPTION OF DRAWINGS - The figure shows a perspective view of the separator device for receiving air.

9 connecting elements

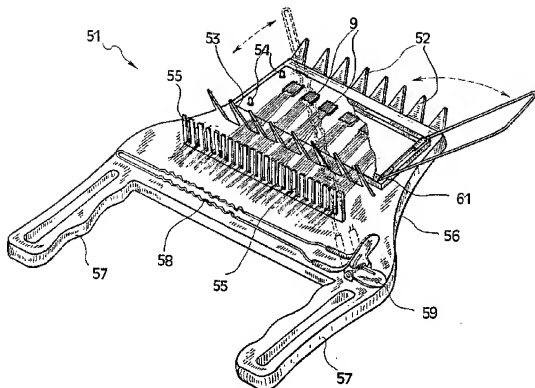
51 separator device

52 separation tooth elements

53 bearing surface

61 gripper

Main Drawing Sheet(s) or Clipped Structure(s)



Title Terms /Index Terms/Additional Words: HAIR; THICKEN; METHOD; REMOVE; SEPARATE; DEVICE; ARRANGE; PORTION; ACTIVATE; CONNECT; OPERATE; ELEMENT; EXTEND

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A41G-003/00; A41G-005/00			Main		"Version 7"
A41G-0001/00	A	I	F		20060101
A41G-0001/00	A	I	F	B	20060101
A41G-0003/00	A	I		R	20060101
A41G-0003/00	A	I	F		20060101
A41G-0003/00	A	I	F	B	20060101
A41G-0005/00	A	I		R	20060101
A41G-0005/00	A	I	F	B	20060101
A41G-0001/00	C	I			20060101
A41G-0001/00	C	I	F	B	20060101
A41G-0003/00	C	I		B	20060101
A41G-0003/00	C	I		R	20060101
A41G-0003/00	C	I	F	B	20060101
A41G-0005/00	C	I		R	20060101
A41G-0005/00	C	I	F	B	20060101

ECLA: A41G-005/00C6

US Classification, Current Main: 132-201000; Secondary: 132-056000

US Classification, Issued: 132201.0, 13256.0

File Segment: EngPI; ;
 DWPI Class: P24; P21

9/12,K/6 (Item 6 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0014086360

WPI Acc no: 2004-269832/200425

XRPX Acc No: N2004-213452

Body part and hair accessorizing method, involves separating one roll of material into styling tape strip which is wrapped around one of strands of body part and engaging two ends of strip on strands of body part

Patent Assignee: GOODY PROD INC (GOOD-N); KELSEY M (KELS-I)

Inventor: KELSEY M

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004023926	A1	20040325	WO 2003US27930	A	20030905	200425	B

Priority Applications (no., kind, date): US 2002410090 P 20020912; US 2003655930 A 20030905

National Designated States: AE AG AL AM AT AU AZ BA BB BG

BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI

GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT

TZ UA UG UZ VC VN YU ZA ZM ZW

Regional Designated States: AT BE BG CH CY CZ DE DK EA EE

ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA

PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract WO A1

NOVELTY - The method involves separating a roll of material into a styling tape strip (22), which has two ends (30, 32) and two surfaces (23, 25). The styling tape strip is wrapped around one of strands of hair and a body part. The two ends of the styling tape strip are engaged to one of the strands of hair and the body part. The styling strip is constructed with natural latex. DESCRIPTION - An INDEPENDENT CLAIM is also included for a device for body and hair accessorizing.

USE - Used for accessorizing body part, and hair with self-adhesive styling tape.

ADVANTAGE - The self-adhesive strip is wrapped around a bundle of hair or a body part and the strip is pressed onto itself to secure the strip or other elongate shape.

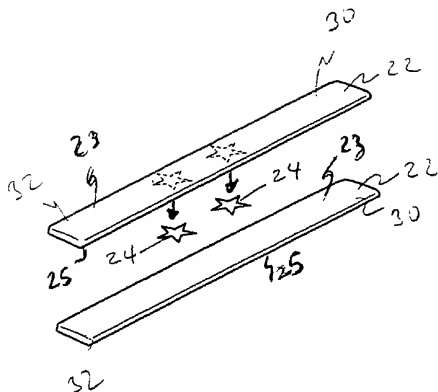
DESCRIPTION OF DRAWINGS - The drawing shows a perspective view of two strips of styling tape.

22Styling tape strip

23,25Strip surfaces

24Cut-out shapes (30,32) Strip ends

Main Drawing Sheet(s) or Clipped Structure(s)



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Title Terms /Index Terms/Additional Words: BODY; PART; HAIR; METHOD;
SEPARATE; ONE; ROLL; MATERIAL; STYLE; TAPE; STRIP; WRAP; STRAND; ENGAGE; TWO;
END

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A44C-0015/00	A	I		R	20060101
A44C-0005/00	A	I		R	20060101
A45D-0008/00	A	N		R	20060101
A45D-0008/34	A	I		R	20060101
A45D-0024/00	A	I	F	B	20060101
A44C-0015/00	C	I		R	20060101
A44C-0005/00	C	I		R	20060101
A45D-0008/00	C	I		R	20060101
A45D-0024/00	C	I		B	20060101

US Classification, Issued: 132275, 132200

File Segment: EngPI; ;
DWPI Class: P23; P24

Body part and hair accessorizing method, involves separating one roll of material into styling tape strip which is wrapped around one of strands of body part and engaging two ends of strip on strands of body part Alerting Abstract ...involves separating a roll of material into a styling tape strip

(22), which has two ends (30, 32) and two surfaces (23, 25). The styling tape strip is wrapped around one of strands of hair and a body part. The two ends of the styling tape strip are engaged to one of the strands of hair and the body part. The styling strip is constructed with natural latex. ...ADVANTAGE - The self-adhesive strip is wrapped around a bundle of hair or a body part and the strip is pressed onto itself to secure the strip or other elongate shape... Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:include cutting a self-adhesive tape into a strip or other elongate shape and stretching it to obtain at least some tension. The user may wrap the self-adhesive strip around a bundle of hair or a body part, and may press the self-adhesive strip onto itself to secure the strip or other... ... include cutting a self-adhesive tape into a strip or other elongate shape and stretching it to obtain at least some tension. The user may wrap the self-adhesive strip around a bundle of hair or a body part, and may press the self-adhesive strip onto itself to secure the strip or other... ... cutting a self-adhesive tape into a strip (22) or other elongate shape and stretching it to obtain at least some tension. The user may wrap the self-adhesive strip around a bundle of hair or a body part, and may press the self-adhesive strip onto itself to secure the strip or other... ...Claims:material includes a first and a second side, and the strip includes a first end and a second end;wrapping the strip around one of strands of hair and a body part; andengaging the first and second ends of the strip to secure the strip on one of the strands of hair and the body part.... into one or more separate shapes,Placing at least one of said shapes onto one of said sides of said strip,Wrapping the strip around strands of hair,Engaging said first and second ends of the strip to secure the strip around the strands of hair, wherein the ends securely adhere to themselves while not being securely adherent to said strands of hair.>

9/12,K/9 (Item 9 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)
Derwent WPIX

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0012278058

WPI Acc no: 2002-218849/200228

XRAM Acc no: C2002-067080

XPX Acc No: N2002-167873

Hair root collection kit useful for isolating DNA from hair roots, comprises a planar base, adhesive area and a non-adhesive, impermeable area on the base adapted to receive individual hairs

Patent Assignee: CANADA SOLICITOR GENERAL (CNDG); CANADA SOLICITOR GENERAL COMMISSIONS RCM (CNDG)

Inventor: BORYS S; ELLIOTT J; FOURNEY R

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1177769	A2	20020206	EP 2001202712	A	20010716	200228	B

Priority Applications (no., kind, date): US 2000632165 A 20000803

Regional Designated States: AL AT BE CH CY DE DK ES FI FR

GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Alerting Abstract EP A2

NOVELTY - A hair root collection kit comprising a planar base (I), adhesive

area (AA) on (I); and a non-adhesive, impermeable area on (I) adapted to receive individual hairs (22), where the hairs can be mounted on AA with the roots (23) overlying the non-adhesive area, is new.

USE - The kit is useful in the isolation of DNA from hair roots.

ADVANTAGE - The kit is a relatively simple, effective hair root collection kit, which is inexpensive to manufacture and easy to use.

DESCRIPTION OF DRAWINGS - The drawing shows an isometric view of the card and cover with hair mounted on the card.

4 Panel which carries a hair root collection card

13 Hair root collection card

15 Adhesive strip

16 Removable cover on the top or outer surface of the adhesive

18 Bottom surface of the sheet

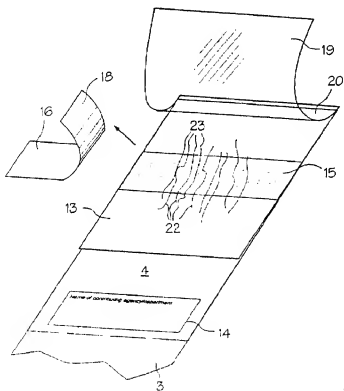
19 Cover for covering adhesive strip and cover on the top or outer surface of adhesive

20 Top end of the cover

22 Hair

23 Root sheaths .

Main Drawing Sheet(s) or Clipped Structure(s)



6

Title Terms /Index Terms/Additional Words: HAIR; ROOT; COLLECT; KIT; USEFUL; ISOLATE; DNA; COMPRISE; PLANE; BASE; ADHESIVE; AREA; NON; IMPERMEABLE; ADAPT; RECEIVE; INDIVIDUAL

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61B-0010/00	A	I		R	20060101

B01L-0003/00	A	I		R	20060101
G01N-0001/00	A	N		R	20060101
A45D-0044/16	A	I	F	B	20060101
A61B-0010/00	A	I	L	B	20060101
B01L-0003/00	A	I	L	B	20060101
G01N-0001/00	A	I	L	B	20060101
A61B-0010/00	C	I		R	20060101
B01L-0003/00	C	I		R	20060101
G01N-0001/00	C	N		R	20060101
A45D-0044/00	C	I	F	B	20060101
A61B-0010/00	C	I	L	B	20060101
B01L-0003/00	C	I	L	B	20060101
G01N-0001/00	C	I	L	B	20060101

US Classification, Issued: 206206, 206223, 206305, 206460, 42261

File Segment: CPI; EngPI

DWPI Class: B04; D16; P31; Q34; P24

Manual Codes (CPI/A-N): B04-B04M; B04-E01; D05-H13

Technology Focus ...permanent cover is formed of clear plastic, the removable cover is formed of paper with a wax coating one side for removable mounting on the adhesive strip. The kit further includes folded paper blank comprising a first panel carrying the card (13), and second panel (4) contiguous with the first panel carrying indicia for identifying the source ... Extension Abstract Original Publication Data by AuthorityArgentinaPublication No. ...Claims:adhesive, impermeable base; an adhesive area on said base for receiving individual hairs, a non-adhesive area on said base adjacent said adhesive area, whereby hair can be attached to the adhesive area with roots of the hair overlying the non-adhesive area of the base; a first, removable, non-adhesive cover covering said... ... connected to said base at a location remote from said adhesive area and a second end for lifting away from the adhesive area for the attachment or removal of hair; said plastic sheet being releasably and replaceably held on the adhesive area of the base, whereby, when the said second end is lifted away from the adhesive area and the first cover removed from the adhesive area, hair can be attached to or removed from the adhesive area and, when released, the plastic sheet returns to a closed position against the adhesive area.

9/12,K/14 (Item 14 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0009875359

WPI Acc no: 2000-171583/200016

XPX Acc No: N2000-127532

Foil for highlighting individual strands of hair, has adhesive strip on reverse side

Patent Assignee: PAPA V E (PAPA-I)

Inventor: PAPA V E

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
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CA 2218467	A1	19990611	CA 2218467	A	19971211	200016	B
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Priority Applications (no., kind, date): CA 2218467 A 19971211

Alerting Abstract CA A1

NOVELTY - The foil (1) has an adhesives trip (2) near the top on its reverse side and an area (3) above the strip, which is folded onto the adhesive strip to make the foil more rigid.

DESCRIPTION - An INDEPENDENT CLAIM is also included for the following: A method of treating hair using the described foil.

USE - For treating (e.g. highlighting or coloring) individual strands of hair.

ADVANTAGE - The adhesive strip of the back of the foil allows the foil to be held by the scalp rather than the hair being treated. Thus access to the hair begin treated is not restricts, and the treatment can be completed in less time, which in turn reduces costs.

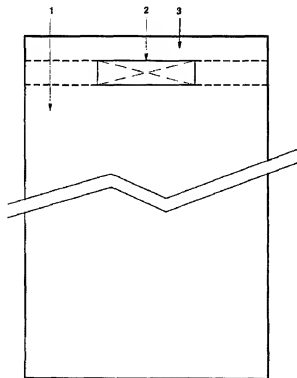
DESCRIPTION OF DRAWINGS - The drawing shows the reverse side of the foil.

1 Foil

2 Adhesive strip

3 Clearance area

Main Drawing Sheet(s) or Clipped Structure(s)



&

Title Terms /Index Terms/Additional Words: FOIL; HIGHLIGHT; INDIVIDUAL; STRAND; HAIR; ADHESIVE; STRIP; REVERSE; SIDE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A45D-0019/00	A	I		R	20060101
A45D-0019/02	A	I		R	20060101
A45D-0019/00	C	I		R	20060101

File Segment: EngPI; ;
 DWPI Class: P24

9/12,K/16 (Item 16 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0009181076

WPI Acc no: 1999-104739/199909

XRPX Acc No: N1999-075647

Attachment structure for wig - includes apron with hair receiving slits that receive hair adjacent bald area that are pulled downwards into anchoring position such that hair contact adhesive on tape section of apron

Patent Assignee: APOLLO PROD INC (APOL-N)

Inventor: NELSON C W

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5855211	A	19990105	US 199824201	A	19980217	199909	B

Priority Applications (no., kind, date): US 199824201 A 19980217

Alerting Abstract US A

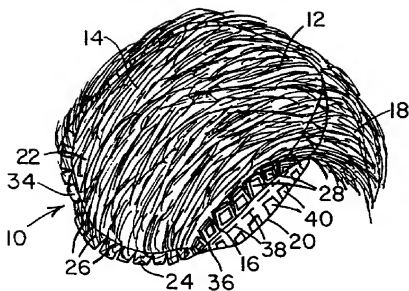
The structure includes flaps (24) which are arranged surrounding the central area (22) of a foundation (12). The flap is divided into multiple segments (26) that include multiple tape sections (28) attached to the lower surface (16) of the foundation. Each tape section includes an inboard surface with pressure sensitive adhesive attaching the section to the respective segment. The tape section has an exposed surface (30) with a release liner (32) that is removed during the fitting on a person. The foundation includes an apron (20) that surrounds the central area except for a forward edge (34).

The apron is joined with the flap at a junction (36). The apron includes several hair receiving slits (38) distributed along the segments. The slits receive the hair (44) adjacent the bald area, that is consequently pulled over the adjacent tape section (40) of the apron with the release liner in place. The release liners is then removed from the tape section (40) and the hair is pulled downwardly into an anchoring position such that the hair contact the adhesive on the exposed surface of the tape section (40).

USE - For bald headed persons.

ADVANTAGE - Enables effective and time efficient anchoring onto bald area.

Main Drawing Sheet(s) or Clipped Structure(s)



Title Terms /Index Terms/Additional Words: ATTACH; STRUCTURE; WIG; APRON; HAIR; RECEIVE ; SLIT; ADJACENT; BALD; AREA; PULL; DOWN; ANCHOR; POSITION; CONTACT; ADHESIVE; TAPE; SECTION

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A41G-003/00			Main		"Version 7"
A41G-005/00			Secondary		"Version 7"

US Classification, Issued: 13253, 13254, 132201

File Segment: EngPI; ;

DWPI Class: P21

Original Titles: Attachment unit for hair replacement. Original Publication Data by Authority: Argentina Publication No. ... Original Abstracts: therethrough from adjacent a bald area on a person's head for anchoring the hairpiece on the bald area. The flap folds over and covers the apron with adhesive therebetween to hold the hair received through the slits in the anchoring position.

9/12,K/19 (Item 19 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0008942456

WPI Acc no: 1998-494198/199842

XPX Acc No: N1998-385942

Hair colouring design formation assembly - has peel-off strip covering

adhesive material on inner faces of base portion and pattern portion having holes of desired shape, that are in direct contact state by folding at intermediate portion

Patent Assignee: BRIGGS B F (BRIG-I)

Inventor: BRIGGS B F

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5799669	A	19980901	US 1997925995	A	19970909	199842	B

Priority Applications (no., kind, date): US 1997925995 A 19970909

Alerting Abstract US A

The assembly includes a thin, foldable sheet-like main body (10) having a base portion (20), a pattern portion (30) and an intermediate portion (40) with a laterally disposed slit (42). Holes (32) of desired geometric shape are formed in the pattern portion. The main body is made up of liquid impermeable material.

An adhesive material (50) is provided on the inner faces of the base portion and pattern portion, that is covered by a peel-off strip (60). The main body is folded at the intermediate portion so that the inner face of the pattern portion is in direct contact with inner face of base portion in overlying manner.

ADVANTAGE - Provides uniformly coloured designs and patterns. Eases usage.

Title Terms /Index Terms/Additional Words: HAIR; COLOUR; DESIGN; FORMATION; ASSEMBLE; PEEL; STRIP; COVER; ADHESIVE; MATERIAL; INNER; FACE; BASE; PORTION; PATTERN ; HOLE; SHAPE; DIRECT; CONTACT; STATE; FOLD; INTERMEDIATE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A45D-0019/00	A	I		R	20060101
A45D-0019/00	C	I		R	20060101

US Classification, Issued: 132208, 132270, 132222

File Segment: EngPI; ;

DWPI Class: P24

Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:material. The main body is formed from a substantially liquid impermeable material, such as aluminum foil. In use, the main body is positioned over a strand of hair so that the outer face of the base portion is in substantially direct contact with the strand of hair in overlying relation thereto and the strand of hair is pulled through the slit. The peel-off strip of material over the inner face of the base portion is then removed and the strand of hair uniformly distributed longitudinally across the adhesive material on the inner face of the base portion. The peel-off strip of material over the inner face of the pattern portion... .. removed and the pattern portion folded over the base portion. A coloring agent is then inserted through the holes and the exposed portions of the strand of hair

colored. ...Claims:portion, and a peel-off strip of material structured and disposed to cover said adhesive material comprising the steps of: a. selecting and grasping a strand of hair to be colored; b. positioning said main body over said strand of hair so that said outer face of said base portion is in substantially direct contact with said strand of hair in overlying relation thereto and said slit is adjacent the roots of said strand of hair; c. pulling said strand of hair through said slit; d. removing said peel-off strip of material over said inner face of said base portion, thereby exposing said adhesive material thereon; e. uniformly distributing said strand of hair longitudinally across said adhesive material on said inner face of said base portion; f. removing said peel-off strip of material over said inner face of said pattern portion, thereby exposing said adhesive material thereon; g. folding said pattern portion over said base portion so that said strand of hair is secured between said adhesive material on said inner face of said base portion and said adhesive material on said inner face of said pattern portion; h. inserting a coloring agent through said at least one hole of said desired geometric shape, thereby coloring said strand of hair exposed therethrough; i. allowing said coloring agent to dry for a selected period of time; j. peeling said pattern portion off of said base portion; k. removing said strand of hair from said adhesive material; l. pulling said strand of hair through said slit; m. removing said main body; and n. repeating steps a through m for selected strands of hair.

9/12,K/23 (Item 23 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0006684930

WPI Acc no: 1994-064477/199408

XRAM Acc no: C1994-028906

Appts for use when frosting or colouring hair - enables strands of hair to be individually coloured without allowing colouring agents to reach the subject's scalp

Patent Assignee: GALLO M (GALL-I)

Inventor: GALLO M

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5287864	A	19940222	US 1992956119	A	19921005	199408	B

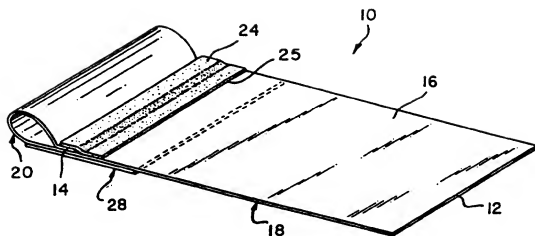
Priority Applications (no., kind, date): US 1992956119 A 19921005

Alerting Abstract US A

A frosting foil (10) has a sleeve (20) formed by folding the top edge (14) against the front surface (16) and gluing in place. The sleeve is sized to receive a desired strand of hair, and fold it within the foil to await treatment.

USE/ADVANTAGE - Assists a stylist to separate a strand of hair and treat it by bleaching, colouring or frosting. A cheap, simple-to-use device that enables the application of colouring agents without risk of injuring the subject's scalp.

Main Drawing Sheet(s) or Clipped Structure(s)



5

Title Terms /Index Terms/Additional Words: APPARATUS; FROST; COLOUR; HAIR; ENABLE; STRAND; INDIVIDUAL; ALLOW; AGENT; REACH; SUBJECT; SCALP

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A61K-007/13			Main		"Version 7"

US Classification, Issued: 132208, 132222, 132270

File Segment: CPI

DWPI Class: D21

Manual Codes (CPI/A-N): D08-B06

...enables strands of hair to be individually coloured without allowing colouring agents to reach the subject's scalp Alerting Abstract ...20) formed by folding the top edge (14) against the front surface (16) and gluing in place. The sleeve is sized to receive a desired strand of hair, and fold it within the foil to await treatment... ..USE/ADVANTAGE - Assists a stylist to separate a strand of hair and treat it by bleaching, colouring or frosting. A cheap, simple-to-use device that enables the application of colouring agents without risk of injuring... Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:sleeve is sized to receive the tail of a tail comb so that a stylist may pick up and properly place the foil at a strand of hair desired to be treated. The adhesive attaches the foil to the strand of hair to prevent movement of the foil. Further, the adhesive permits the foil to be folded into place so that all of the foils may be placed prior to the addition of any coloring agent. After placement of the foils, each foil may be sequentially opened and a coloring agent placed on the strand of the hair contained in the foil. ...Claims:frosting foil having a top end with a sleeve and an adhesive strip and a bottom end, the method comprising the steps of: selecting a strand of hair to be treated; selecting a frosting foil by placing a tail of a tail

comb into the sleeve of the frosting foil; positioning the frosting foil by manipulating the tail of the tail comb against the scalp along the strand of hair to be treated; pressing the strand of hair onto the adhesive strip to hold the frosting foil in place; folding the frosting foil about the strand of hair to be treated such that the bottom end of the frosting foil contacts the adhesive on the frosting foil and secures the frosting foil to the strand of hair to be treated; selecting the next strand of hair and repeating the process of securing a frosting foil thereto with respect thereto until the desired amount of foils are positioned in the hair; opening a foil and applying a coloring agent to the strand of hair in the foil to treat the hair; reclosing the foil about the treated hair; repeating the step of providing a coloring agent to the strand of hair in each foil; allowing the coloring agent to be applied to the hair for a selected time period; and removing the foil and hair coloring agent after...

9/12,K/28 (Item 28 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)
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0005718358

WPI Acc no: 1991-332031/199145

XPX Acc No: N1991-254454

Hair highlighting device - has sheet of flexible material resistant to colouring agent

Patent Assignee: SANDOZ W J (SAND-I)

Inventor: SANDOZ M A; SANDOZ W J

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5058609	A	19911022	US 1990481931	A	19900220	199145	B

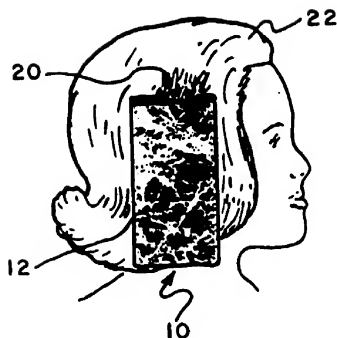
Priority Applications (no., kind, date): US 1990481931 A 19900220

Alerting Abstract US A

Hair highlighting apparatus (10) for colour treatment of selected strands of hair separated from a head of hair comprises a pliable or flexible impermeable sheet (12) of rectangular shape of material, e.g. metallic foil, polyolefin film, polythene sheet, polyvinylchloride, cellophane, cellulose acetate, polyethylene terephthalate rubber etc. for providing a physical barrier to the colour treating agent in solution or paste form and is chemically resistant to the agent.

Also provided are a sheet of non woven permeable fibrous textile material (14) and an adhesive layer (18) uniformly bonding the two sheets together.
ADVANTAGE - Is simple to use and efficient in use. @ (6pp Dwg.No.2a/5)@

Main Drawing Sheet(s) or Clipped Structure(s)



&

Title Terms /Index Terms/Additional Words: HAIR; HIGHLIGHT; DEVICE; SHEET; FLEXIBLE; MATERIAL; RESISTANCE; COLOUR; AGENT

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
A45D-0019/00	A	I		R	20060101
A45D-0019/00	C	I		R	20060101

US Classification, Issued: 132270

File Segment: EngPI; ;
DWPI Class: P24

Alerting Abstract ...Hair highlighting apparatus (10) for colour treatment of selected strands of hair separated from a head of hair comprises a pliable or flexible impermeable sheet (12) of rectangular shape of material, e.g. metallic foil, polyolefin film... Original Publication Data by AuthorityArgentinaPublication No. Original Abstracts: A hair highlighting device suitable for use in color treatment of selected strands of hair separated from a head of hair is provided having a sheet of flexible liquid-impermeable sheet and a sheet of non-woven fibrous textile material of a size co-extensive with the sheet of the flexible liquid-impermeable material bonded together. The sheet of non-woven fibrous textile material has releasable self-adhering surface characteristics operative to maintain opposing overfolded contacting surfaces thereof with selected strands of hair

interposed therebetween in a liquid sealed relation about the periphery of the selected strands of hair sufficient to prevent seepage of treating fluid therefrom and afford self-supporting frictional engagement during processing of the hair.

15/12/14 (Item 14 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

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0006449118

WPI Acc no: 1993-253001/199332

XRAM Acc no: C1993-112638

Self-adhesive tape, for dust removing - has projections and depression on adhesive layer surface e.g. polyacrylic adhesive, showing good follow-up property to uneven surface

Patent Assignee: SEKISUI CHEM IND CO LTD (SEKI)

Inventor: SHIMIZU I; SHIMOMURA K

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 5171116	A	19930709	JP 1991338522	A	19911220	199332	B

Priority Applications (no., kind, date): JP 1991338522 A 19911220

Alerting Abstract JP A

The self-adhesive tape has projections and depressions on the surface of self-adhesive layer or on the non-adhesive surface, having base sheet; and adhesive layer. The self-adhesive tape is wound round cylindrical core, with the self-adhesive layer facing outside, to form cleaning roller for removal of dust, hair, etc. from the surface of carpet, clothing, etc.. The projections and depressions are formed by applying self-adhesive in uneven thickness, in lines or in dots on the surface of base sheet, or by embossing the base sheet, followed by application of self-adhesive to one side of it, or by embossing self-adhesive-coated base sheet. The self-adhesive includes natural and synthetic rubber adhesive, acrylic adhesive and hot-metal type adhesive. The base sheet includes kraft paper, Japanese paper, stretched synthetic resin film, nonwoven fabric, etc. ADVANTAGE - The dust removing self-adhesive tape shows good follow-up property to uneven surface to be cleaned

Title Terms /Index Terms/Additional Words: SELF; ADHESIVE; TAPE; DUST; REMOVE; PROJECT; DEPRESS; LAYER; SURFACE; POLYACRYLIC; FOLLOW; UP; PROPERTIES; UNEVEN

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
C09J-0007/02	A	I	F	R	20060101
C09J-0007/02	C	I	F	R	20060101

File Segment: CPI

DWPI Class: A81; A84; G03

Manual Codes (CPI/A-N): A12-A01; A12-D04; A12-S06; G03-B04

15/12/16 (Item 16 from file: 350) [Links](#)

Fulltext available through: [Order File History](#)

Derwent WPIX

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0005618490

WPI Acc no: 1991-227241/199131

XRAM Acc no: C1991-098955

Prim. fabric for tufting - made on warps and wefts of twisted yarns of plastic tape having over 5 grooves per mm

Patent Assignee: MORITA SANGYO KK (MORI-N)

Inventor: MORITA T

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 3146760	A	19910621	JP 1989280346	A	19891027	199131	B

Priority Applications (no., kind, date): JP 1989280346 A 19891027

Alerting Abstract JP A

The fabric is fabricated of warps and wefts of twisted yarns of plastic tape having more than five grooves/mm to reduce its thickness. The warps and wefts are not tightly attached to each other.

USE - Decrease of strength of the fabric by tufting can be avoided. @(3pp Dwg.No.0/3)

Title Terms /Index Terms/Additional Words: PRIMARY; FABRIC; TUFT; MADE; WARP; WEFT; TWIST; YARN; PLASTIC; TAPE; GROOVE; PER; MM

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
D02G-0003/06	A	I	F	R	20060101
D02G-0003/22	A	I	L	R	20060101
D03D-0015/00	A	I	L	R	20060101
D03D-0009/00	A	I	L	R	20060101
D05C-0017/02	A	I	L	R	20060101
D06M-0017/00	A	I	L	R	20060101
D02G-0003/02	C	I	F	R	20060101
D02G-0003/22	C	I	L	R	20060101
D03D-0015/00	C	I	L	R	20060101
D03D-0009/00	C	I	L	R	20060101
D05C-0017/00	C	I	L	R	20060101
D06M-0017/00	C	I	L	R	20060101

File Segment: CPI

DWPI Class: A35; F04

Manual Codes (CPI/A-N): A12-S05F; A12-S05J; F02-A03; F02-D

17/5/2 (Item 1 from file: 347) [Links](#)
Fulltext available through: [Order File History](#)

JAPIO

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04106803 **Image available**

TAPE FOR FORMING WIG BASE, WIG AND PRODUCTION OF WIG

Pub. No.: 05-098503 [JP 5098503 A]

Published: April 20, 1993 (19930420)

Inventor: KATO KIHACHI

Applicant: FEATHER KK [403408] (A Japanese Company or Corporation), JP
(Japan)

Application No.: 03-253859 [JP 91253859]

Filed: October 01, 1991 (19911001)

International Class: [5] A41G-003/00

JAPIO Class: 30.3 (MISCELLANEOUS GOODS -- Clothing & Personal Belongings)

Journal: Section: C, Section No. 1098, Vol. 17, No. 446, Pg. 30, August 17,
1993 (19930817)

ABSTRACT

PURPOSE: To obtain the subject tape capable of providing a light wig having natural feeling, because the wig is fitted along the human head shape and hair can be set so as to provide voluminous feeling in a natural atmosphere by bonding specific rib materials to a tapelike hair setting net.

CONSTITUTION: A tape 10 for forming a wig base is obtained by bonding heat fusible rib materials 2, made of a synthetic resin and capable of retaining their shape in a curved state along a tapelike net 11 for hair setting. The rib materials 12 are bonded to the net 11 for hair setting by forming the net 11 for hair setting from, e.g. the heat fusible synthetic resin, providing a tapelike form, then doubly folding the net, placing the rib materials 12 into the inside, passing the rib materials along the net and heat fusing both with a high- frequency machine. Furthermore, the tape 10 for forming the wig base is used to afford the wig by successively fusing and connecting the tape 10 into a network form while curving the tape 10 so as to pass along a human head shape, forming the wig base 13 and then setting hair in the net 11 for hair setting.

NPL Bibliographic Database Search

Search Strategy

Set	Items	Description
S1	841390	S TAPE OR TAPES OR TAPED OR TAPING? OR SELLOTAP? OR CELLOTAP? OR SCOTCHTAP? OR DUCTITAP? OR MASKINGTAP? OR (ADHESIV? OR STICK??? OR TACK??? OR BONDING OR ADHER? OR ADHESION? OR GLUE? ? OR GLUING) (3N) (FABRIC? ? OR MATERIAL? ? OR TEXTILE? ? OR STRIP OR STRIPS OR STRIPPED)
S2	5302	S PROTAC? OR PROTEX? OR PRO() (TAC? ? OR TEX? ? OR TAPE? ?) OR AIRFLEX? OR DURAFLEX? OR (AIR OR DURA) (FLEX? OR SUPERTAPE? OR PROTAPE?
S3	642627	S HAIR? OR LOCKS OR TRESS?? OR WEFT??? OR HORSEHAIR?
S4	31503	S S1:S2 AND S3
S5	452	S S3 (3N) (ATTACH? OR EXTENSION? OR STRAND???)
S6	750	S S3 (3N) (ARTIFICIAL? OR FAKE? ? OR FAKING OR FALSE? OR PSEUDO OR IMITATION? OR SYNTHETIC? OR PHONY? OR PHONIES OR SIMULAT? OR FAUX OR PROSTHE? OR SUBSTITUT? OR REPLACEMENT? OR HUMAN)
S7	1946	S WIG OR WIGS OR WIGLET? OR TOUPE? OR RUG OR RUGS OR HAIRPIECE? OR POSTICHE?
S8	696	S S1:S2 (5N) (FOLD??? OR FOLDAB? OR BILLFOLD? OR OVERFOLD? OR OVERLAP? OR CREAS??? OR PLEAT? OR PLAIT? OR FLEX??? OR BEND??? OR BENT OR (DOUBL? OR TURN???) (UP OR OVER) OR ENVELOP OR ENCLOS? OR ENCAS??? OR WRAP OR WRAPP???)
S9	8	S S5:S7 (50N) S8
S10	6	RD (unique items)
S11	16	S S5:S7 (2S) S8
S12	8	S S11 NOT S9
S13	7	RD (unique items)
S14	79	S S3 (50N) S8
S15	21	S S14/2004:2008
S16	56	S S14 NOT (S9 OR S12 OR S15)
S17	47	RD (unique items)

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Search Results

No relevant results.

NPL Database Search (2)

Search Strategy

Set	Items	Description
S1	1011038	S TAPE OR TAPES OR TAPED OR TAPING? OR SELLOTAP? OR CELLOTAP? OR SCOTCHTAP? OR DUCTITAP? OR MASKINGTAP? OR (ADHESIV? OR STICK??? OR TACK??? OR BONDING OR ADHER? OR ADHESION? OR GLUE? ? OR GLUING) (3N) (FABRIC? ? OR MATERIAL? ? OR TEXTILE? ? OR STRIP OR STRIPS OR STRIPPED)
S2	2068	S PROTAC? OR PROTEX? OR PRO() (TAC? ? OR TEX? ? OR TAPE? ?) OR AIRFLEX? OR DURAFLEX? OR (AIR OR DURA) () FLEX? OR SUPERTAPE? OR PROTAPE?
S3	1082860	S HAIR? OR LOCKS OR TRESS?? OR WEFT??? OR HORSEHAIR?
S4	54773	S S1:S2 AND S3
S5	789	S S3 (3N) (ATTACH? OR EXTENSION? OR STRAND???)
S6	586	S S3 (3N) (ARTIFICIAL? OR FAKE? ? OR FAKING OR FALSE? OR PSEUDO OR IMITATION? OR SYNTHETIC? OR PHONY? OR PHONIES OR SIMULAT? OR FAUX OR PROSTHE? OR SUBSTITUT? OR REPLACEMENT? OR HUMAN)
S7	2303	S WIG OR WIGS OR WIGLET? OR TOUPE? OR RUG OR RUGS OR HAIRPIECE? OR POSTICHE?
S8	687	S S1:S2 (5N) (FOLD??? OR FOLDAB? OR BILLFOLD? OR OVERFOLD? OR OVERLAP? OR CREAS??? OR PLEAT? OR PLAIT? OR FLEX??? OR BEND??? OR BENT OR (DOUBL? OR TURN???) () (UP OR OVER) OR ENVELOP OR ENCLOS? OR ENCAS??? OR WRAP OR WRAPP???)
S9	8	S S5:S7(50N)S8
S10	17	S S5:S7 (2S) S8
S11	17	S S9:S10
S12	16	RD (unique items)
S13	151	S S3(50N)S8
S14	107	S S3(S)S8
S15	86	S S13:S14/2005:2008
S16	76	S S13:S14 NOT (S11 OR S15)
S17	72	RD (unique items)

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Search Results

No relevant results.